

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PCT/122	FOR FURTHER ACTION		see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/IB 96/01461	International filing date (day/month/year) 23 December 1996	Priority Date (day/month/year) 28 December 1995	
Applicant DOMPE' SPA et al.			

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Certain claims were found unsearchable (see Box I).
2. Unity of invention is lacking (see Box II).
3. The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing
 - filed with the international application.
 - furnished by the applicant separately from the international application,
 - but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.
 - Transcribed by this Authority
4. With regard to the title, the text is approved as submitted by the applicant.
 - the text has been established by this Authority to read as follows:
5. With regard to the abstract,
 - the text is approved as submitted by the applicant.
 - the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. The figure of the drawings to be published with the abstract is:

Figure No. _____

 - as suggested by the applicant.
 - because the applicant failed to suggest a figure.
 - because this figure better characterizes the invention.

None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/IB 96/01461

A. CLASSIFICATION OF SUBJECT MATTER

A 61 K 31/19, A 61 K 31/195, A 61 K 31/38, A 61 K 9/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A 61 K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	EP, A, 0 070 714 (THE UPJOHN COMPANY) 26 January 1983 (26.01.83), claim 4; abstract; page 1, lines 26-27; page 8, lines 15-18 in connection with examples 5,10. --	1-10
X, Y	US, A, 5 206 262 (DONATI E. et al.) 27 April 1993 (27.04.93), abstract; claim 8; column 1, lines 36-49; column 2, line 44 - column 3, line 17. --	1-10
X, Y	GB, A, 2 059 768 (KAHAN I.) 29 April 1981 (29.04.81), abstract; claims 1,7,10,11.	1-10

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered新颖 (new) when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search
20 February 1997

Date of mailing of the international search report

26.03.97

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International Application No.
PCT/IB 96/01461

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	14,21; page 1, lines 111-118; examples 9,13; page 2, lines 70-80. --	
X,Y	US, A, 4 877 620 (LOEW D. et al.) 31 October 1989 (31.10.89), claims 1,6; column 3, lines 41-43; examples 4,5. --	1-10
X,Y	DE, A, 2 508 895 (SPA SOCIETA PRODOTTI ANTI- BIOTICI S.P.A.) 18 September 1975 (18.09.75), claims 1-3,5,6; page 4, paragraphs 1,3; page 8, paragraph 3. --	1-10
X,Y	EP, A, 0 136 470 (MERCKLE GMBH) 10 April 1985 (10.04.85), claims 1,7; page 2, line 7 - page 4, line 14; page 5, lines 7-25. --	1-10
X,Y	CHEMICAL ABSTRACTS, vol. 94, no. 20, issued 1981, May 18, (Columbus, Ohio, USA), DOMPE FARMACEUTICI S.P.A. "Lysine m-benzoylhydratropate and pharmaceutical compo- sitions containing it", page 386, columns 1-2, no. 162 745q; & BE 882 889. --	1-10
X,Y	WO, A, 94/20 449 (DOMPE FARMACEUTICI S.P.A.) 15 September 1994 (15.09.94), abstract; claims 1-11,16-19; page 2, lines 4-9; page 3, line 27 - page 4, line 11; page 5, lines 10-27; page 9, line 28 - page 10, line 1 (cited in the application). --	1-10
X,Y	WO, A, 89/04 658 (SUNSHINE A.) 01 June 1989 (01.06.89), claim 37; page 9, lines 13-17; page 20, line 29 - page 21, line 11. --	1-10

INTERNATIONAL SEARCH REPORT

International Application No. [REDACTED]

PCT/IB 96/01461

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,Y	WO, A, 93/17 677 (SEPRACOR, INC.) 16 September 1993 (16.09.93), claims 1,7-9,12,16,25,27,30, 31; page 6, lines 12-26; page 12, lines 12-26. --	1-10
X,Y	WO, A, 93/16 689 (RHONE-POULENC RORER S.A.) 02 September 1993 (02.09.93), claims 1,5,6; page 3, lines 20-25; page 4, lines 9-20,27-31. -----	1-10

ANHANG

zum internationalen Recherchen-
bericht über die internationale
Patentanmeldung Nr.

In diesem Anhang sind die Mitglieder
der Patentfamilien der in obige-
nannnten internationalen Recherchenbericht
angeführten Patentdokumente angegeben.
Diese Angaben dienen nur zur Unter-
richtung und erfolgen ohne Gewähr.

ANNEX

to the International Search
Report to the International Patent
Application No.

PCT/IB 96/01461 SAE 148377

This Annex lists the patent family
members relating to the patent documents
cited in the above-mentioned inter-
national search report. The Office is
in no way liable for these particulars
which are given merely for the purpose
of information.

ANNEXE

au rapport de recherche inter-
national relatif à la demande de brevet
international n°

La présente annexe indique les
membres de la famille de brevets
relatifs aux documents de brevets cités
dans le rapport de recherche inter-
national visé ci-dessus. Les renseigne-
ments fournis sont donnés à titre indica-
tif et n'engagent pas la responsabilité
de l'Office.

Im Recherchenbericht angeführtes Patentdokument "Patent document cited in search report" Document de brevet cité dans le rapport de recherche	Datum der Veröffentlichung Publication date Date de publication	Mitglied(er) der Patentfamilie Patent family member(s) Membre(s) de la famille de brevets	Datum der Veröffentlichung Publication date Date de publication
EP A1 70714	26-01-83	BE A1 893876 DE CO 3270988 EP A1 70714 IT A0 8225889 IT A0 1155389 JP A2 5802457 US A 4447451	19-01-83 12-02-86 07-05-86 08-07-87 28-01-87 14-02-87 08-05-84
US A 5206262	27-04-93	EP A2 521344 EP A3 521344 IT A0 91501804 IT A 1255007	07-01-93 07-04-93 01-07-91 11-10-95
GB A1 2059768		HU BE 183156 BE 183156 AU A1 59452980 AU B2 598890 CA A1 1148159 CY A 151754 DD C 151754 DE CO 3068673 DK A 2648780 DK C 1607624 DK C 1607761 EP A1 2207000 EP B1 2207200 EP B1 8019284 FI A 698267 FI C 698267 GR A 698267 HK A 473387 IE B 49993 IL A0 60357 IL A1 60357 JP A2 56018980 JP B4 84000114 JP B4 84000114 MY A 656187 NO A 8019865 NO B 1853430 NO C 1853430 NZ A 184102 PT A 71420 SG A 143787 ZA A 8003714 US A 4312870	28-04-84 18-08-84 08-01-84 30-08-84 14-06-87 07-08-87 04-11-81 30-08-84 22-12-80 15-04-91 23-09-91 07-03-94 30-07-94 02-12-90 11-07-93 11-11-93 13-05-93 26-06-87 22-01-86 16-09-80 31-05-84 23-02-91 02-04-91 02-11-84 03-12-84 03-12-84 09-12-85 19-05-86 12-04-85 01-06-80 10-07-87 24-06-81 26-01-82
US A 4877620	31-10-89	DE A1 3639038 DE A1 3639038 DE A0 3639038 DE A1 3639038 JP A2 61468159 US A 661413057 US A 661413237 ZA A 7084000 EP A1 267321 AT E1 50493 DE CO 3659103 EP B1 267321 GR T3 3000292	28-07-89 08-02-89 08-04-89 08-07-89 18-06-89 21-05-95 30-07-95 29-06-95 18-05-95 15-03-90 09-04-90 28-02-90 18-03-91
DE A1 2508895	18-09-75	AU A1 78803/75 BE A1 826445 CA A1 1070324 DE C2 2508895 DE A1 4315416 DE A1 2262975 DE A1 2262975 DE A1 1497044 JP A2 50126818 JP B4 59012650	09-09-74 30-06-75 22-01-80 07-04-88 01-12-76 03-10-75 04-08-78 05-01-78 06-10-75 24-03-84

			NL	A	7502644	09-09-75
			US	A	4276926	31-07-81
EP A2	136470	10-04-85	AT	E	39323	15-01-89
			CA	A1	1234050	15-03-88
			DE	A1	3328401	21-02-89
			DE	CO	3475691	26-01-89
			DE	A3	136470	05-09-89
			DE	BB	136470	24-04-89
			JP	A2	60053049	04-06-89
			JP	A2	45593044	21-06-88
WD A1	9420449	15-09-94	AU	A1	62905/94	26-09-94
			EP	A1	703893	03-04-96
			IT	A0	94500348	25-02-94
			IT	A0	93500447	09-03-93
WD A1	8904658	01-06-89	AT	E	138568	15-06-89
			AU	A1	2901408	14-08-89
			AU	A2	5414640	30-08-89
			CA	A1	1400553209	07-03-95
			DE	CO	1400553209	04-07-95
			DE	T2	1400553209	24-10-95
			EP	A1	346431	20-12-89
			EP	B1	346431	29-05-96
			JP	T2	2502280	26-07-90
			US	A	4868214	19-09-89
			US	A	4962124	09-10-90
WD A1	9317677	16-09-93	AU	A1	37989/93	05-10-93
			AU	B2	633998	05-12-96
			AU	A1	70334/98	19-12-96
			EP	A1	630239	28-12-94
			EP	A4	630239	18-01-95
			HU	A0	9402594	28-11-94
			HU	A2	68820	28-07-95
			JP	T2	7507057	03-08-95
			US	A	5331000	19-07-94
			CA	AA	2094683	23-10-94
WD A1	9316689	02-09-93	EP	A1	627916	14-12-94
			FR	A1	2687915	03-06-93
			FR	B1	2687915	05-05-95
			JP	T2	7504410	18-05-95